

USA, Hawaii (1993-2012)

	Number of cases							Percentage				Incidence rates per million person-years								MV % 0-19	DCO % 0-19	
	Age group							0-14		0-19		Age-specific					Cumulative					
	0	1-4	5-9	10-14	15-19	0-14	0-19	All	Group	All	Group	0	1-4	5-9	10-14	15-19	0-14	ASR	0-19			0-14
I LEUKAEMIA	24	121	63	56	47	264	311	36.1	100.0	29.4	100.0	68.8	88.7	38.3	33.3	28.5	54.8	48.9	782	924	98.7	0.0
a. Lymphoid	9	96	55	33	17	193	210	26.4	73.1	19.8	67.5	25.8	70.4	33.5	19.6	10.3	40.2	33.5	572	624	99.0	0.0
b. Acute myeloid	13	21	6	18	26	58	84	7.9	22.0	7.9	27.0	37.3	15.4	3.7	10.7	15.8	12.0	12.8	171	250	97.6	0.0
c. CMD	0	1	1	4	3	6	9	0.8	2.3	0.8	2.9	-	0.7	0.6	2.4	1.8	1.1	1.3	18	27	100.0	0.0
d. MDS & other	1	1	0	1	1	3	4	0.4	1.1	0.4	1.3	2.9	0.7	-	0.6	0.6	0.6	0.6	9	12	100.0	0.0
e. Unspecified	1	2	1	0	0	4	4	0.5	1.5	0.4	1.3	2.9	1.5	0.6	-	-	0.9	0.7	12	12	100.0	0.0
II LYMPHOMA & RELATED	4	23	24	33	52	84	136	11.5	100.0	12.8	100.0	11.5	16.9	14.6	19.6	31.5	16.5	19.9	250	408	98.5	0.0
a. Hodgkin	0	1	5	6	32	12	44	1.6	14.3	4.2	32.4	-	0.7	3.0	3.6	19.4	2.2	6.1	36	133	100.0	0.0
b. Non-Hodgkin except BL	0	7	16	21	17	44	61	6.0	52.4	5.8	44.9	-	5.1	9.7	12.5	10.3	8.4	8.8	132	183	98.4	0.0
c. Burkitt (BL)	0	4	2	4	1	10	11	1.4	11.9	1.0	8.1	-	2.9	1.2	2.4	0.6	2.0	1.7	30	33	100.0	0.0
d. Lymphoreticular	4	11	1	1	2	17	19	2.3	20.2	1.8	14.0	11.5	8.1	0.6	0.6	1.2	3.8	3.2	50	56	94.7	0.0
e. Unspecified	0	0	0	1	0	1	1	0.1	1.2	0.1	0.7	-	-	-	0.6	-	0.2	0.1	3	3	100.0	0.0
III CNS NEOPLASMS	15	40	52	37	24	144	168	19.7	100.0	15.9	100.0	43.0	29.3	31.6	22.0	14.5	29.0	25.8	429	502	85.7	0.6
a. Ependymoma	4	2	3	2	3	11	14	1.5	7.6	1.3	8.3	11.5	1.5	1.8	1.2	1.8	2.3	2.2	33	42	100.0	0.0
b. Astrocytoma	2	14	25	25	14	66	80	9.0	45.8	7.6	47.6	5.7	10.3	15.2	14.9	8.5	12.8	11.9	197	240	92.5	0.0
c. CNS embryonal	7	16	20	5	4	48	52	6.6	33.3	4.9	31.0	20.1	11.7	12.2	3.0	2.4	10.0	8.3	143	155	94.2	0.0
d. Other gliomas	2	7	4	5	3	18	21	2.5	12.5	2.0	12.5	5.7	5.1	2.4	3.0	1.8	3.7	3.3	53	62	33.3	4.8
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Unspecified CNS	0	1	0	0	0	1	1	0.1	0.7	0.1	0.6	-	0.7	-	-	-	0.2	0.2	3	3	0.0	0.0
IV NEUROBLASTOMA	18	28	4	2	5	52	57	7.1	100.0	5.4	100.0	51.6	20.5	2.4	1.2	3.0	11.5	9.6	152	168	98.2	0.0
a. (Ganglio)neuroblastoma	17	28	4	1	2	50	52	6.8	96.2	4.9	91.2	48.7	20.5	2.4	0.6	1.2	11.1	8.9	147	153	98.1	0.0
b. Peripheral nervous	1	0	0	1	3	2	5	0.3	3.8	0.5	8.8	2.9	-	-	0.6	1.8	0.4	0.7	6	15	100.0	0.0
V RETINOBLASTOMA	4	11	0	0	0	15	15	2.1	100.0	1.4	100.0	11.5	8.1	-	-	-	3.4	2.6	44	44	86.7	0.0
VI RENAL TUMOURS	2	7	5	1	3	15	18	2.1	100.0	1.7	100.0	5.7	5.1	3.0	0.6	1.8	3.2	2.9	44	54	100.0	0.0
a. Nephroblastoma	2	7	5	0	0	14	14	1.9	93.3	1.3	77.8	5.7	5.1	3.0	-	-	3.0	2.3	41	41	100.0	0.0
b. Renal carcinoma	0	0	0	1	3	1	4	0.1	6.7	0.4	22.2	-	-	-	0.6	1.8	0.2	0.5	3	12	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	3	9	1	2	2	15	17	2.1	100.0	1.6	100.0	8.6	6.6	0.6	1.2	1.2	3.3	2.8	44	50	100.0	0.0
a. Hepatoblastoma	3	9	1	1	0	14	14	1.9	93.3	1.3	82.4	8.6	6.6	0.6	0.6	-	3.1	2.4	41	41	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	2	1	3	0.1	6.7	0.3	17.6	-	-	-	0.6	1.2	0.2	0.4	3	9	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	2	13	21	24	36	60	4.9	100.0	5.7	100.0	-	1.5	7.9	12.5	14.5	6.6	8.4	108	181	100.0	0.0
a. Osteosarcoma	0	0	7	19	16	26	42	3.6	72.2	4.0	70.0	-	-	4.3	11.3	9.7	4.7	5.8	78	126	100.0	0.0
b. Chondrosarcoma	0	1	0	1	3	2	5	0.3	5.6	0.5	8.3	-	0.7	-	0.6	1.8	0.4	0.7	6	15	100.0	0.0
c. Ewing & related	0	0	4	1	4	5	9	0.7	13.9	0.8	15.0	-	-	2.4	0.6	2.4	1.0	1.3	15	27	100.0	0.0
d. Other specified	0	1	2	0	1	3	4	0.4	8.3	0.4	6.7	-	0.7	1.2	-	0.6	0.6	0.6	9	12	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	2	7	11	20	30	40	70	5.5	100.0	6.6	100.0	5.7	5.1	6.7	11.9	18.2	7.6	10.0	119	210	100.0	0.0
a. Rhabdomyosarcoma	0	4	5	3	4	12	16	1.6	30.0	1.5	22.9	-	2.9	3.0	1.8	2.4	2.4	2.4	36	48	100.0	0.0
b. Fibrosarcoma	2	0	1	5	2	8	10	1.1	20.0	0.9	14.3	5.7	-	0.6	3.0	1.2	1.5	1.4	24	30	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	2	5	9	16	16	32	2.2	40.0	3.0	45.7	-	1.5	3.0	5.4	9.7	3.0	4.5	48	96	100.0	0.0
e. Unspecified	0	1	0	3	8	4	12	0.5	10.0	1.1	17.1	-	0.7	-	1.8	4.8	0.7	1.7	12	36	100.0	0.0
X GERM CELL TUMOURS	5	9	7	16	63	37	100	5.1	100.0	9.4	100.0	14.3	6.6	4.3	9.5	38.2	7.3	14.3	110	301	98.0	0.0
a. CNS germ cell	1	0	5	11	10	17	27	2.3	45.9	2.5	27.0	2.9	-	3.0	6.5	6.1	3.1	3.8	51	81	100.0	0.0
b. Other extragonadal	3	6	1	0	7	10	17	1.4	27.0	1.6	17.0	8.6	4.4	0.6	-	4.2	2.2	2.7	29	51	94.1	0.0
c. Gonadal germ cell	1	3	1	5	41	10	51	1.4	27.0	4.8	51.0	2.9	2.2	0.6	3.0	24.9	2.0	7.1	30	154	98.0	0.0
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	-	0.3	3.0	-	-	-	-	1.8	-	0.4	-	9	100.0	0.0
e. Unspecified gonadal	0	0	0	0	2	0	2	-	-	0.2	2.0	-	-	-	-	1.2	-	0.3	-	6	100.0	0.0
XI CARCINOMA & MELANOMA	1	2	7	17	78	27	105	3.7	100.0	9.9	100.0	2.9	1.5	4.3	10.1	47.3	5.0	14.5	81	317	100.0	0.0
a. Adrenocortical	0	1	0	0	0	1	1	0.1	3.7	0.1	1.0	-	0.7	-	-	-	0.2	0.2	3	3	100.0	0.0
b. Thyroid	0	0	1	8	33	9	42	1.2	33.3	4.0	40.0	-	-	0.6	4.8	20.0	1.6	5.7	27	127	100.0	0.0
c. Nasopharyngeal	0	0	0	1	6	1	7	0.1	3.7	0.7	6.7	-	-	-	0.6	3.6	0.2	1.0	3	21	100.0	0.0
d. Melanoma	1	0	5	2	23	8	31	1.1	29.6	2.9	29.5	2.9	-	3.0	1.2	13.9	1.6	4.3	24	94	100.0	0.0
e. Skin carcinoma	0	0	0	1	2	1	3	0.1	3.7	0.3	2.9	-	-	-	0.6	1.2	0.2	0.4	3	9	100.0	0.0
f. Other & unspecified	0	1	1	5	14	7	21	1.0	25.9	2.0	20.0	-	0.7	0.6	3.0	8.5	1.3	2.9	21	63	100.0	0.0
XII OTHER & UNSPECIFIED	0	1	0	1	0	2	2	0.3	100.0	0.2	100.0	-	0.7	-	0.6	-	0.4	0.3	6	6	100.0	0.0
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	0	1	0	1	0	2	2	0.3	100.0	0.2	100.0	-	0.7	-	0.6	-	0.4	0.3	6	6	100.0	0.0
TOTAL	78	260	187	206	328	731	1059	100.0	100.0	100.0	100.0	223.5	190.7	113.8	122.6	198.8	148.7	160.0	2169	3163	96.7	0.1

Please consult the quality indicators for this registry

USA, Hawaii (1993-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million					0-14	0-19	Number of cases in age groups					ASR per million				
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	0			1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	12	64	29	35	25	140	165	56.2	50.1	1.1	1.1	12	57	34	21	22	124	146	53.3	47.6		
a. Lymphoid	4	49	23	22	11	98	109	39.5	33.5	1.0	1.1	5	47	32	11	6	95	101	41.0	33.5		
b. Acute myeloid	6	13	4	9	11	32	43	12.9	12.9	1.2	1.0	7	8	2	9	15	26	41	11.0	12.8		
c. CMD	0	1	1	3	3	5	8	1.8	2.2	5.0	8.0	0	0	0	1	0	1	1	0.4	0.3		
d. MDS & other	1	0	0	1	0	2	2	0.8	0.6	2.0	1.0	0	1	0	0	1	1	2	0.5	0.6		
e. Unspecified	1	1	1	0	0	3	3	1.3	1.0	3.0	3.0	0	1	0	0	0	1	1	0.5	0.4		
II LYMPHOMA & RELATED	1	18	15	23	25	57	82	21.8	23.5	2.1	1.5	3	5	9	10	27	27	54	10.9	16.1		
a. Hodgkin	0	0	4	4	14	8	22	2.9	5.9	2.0	1.0	0	1	1	2	18	4	22	1.6	6.3		
b. Non-Hodgkin except BL	0	5	8	14	10	27	37	10.0	10.3	1.6	1.5	0	2	8	7	7	17	24	6.6	7.1		
c. Burkitt (BL)	0	4	2	3	1	9	10	3.5	3.0	9.0	10.0	0	0	0	1	0	1	1	0.4	0.3		
d. Lymphoreticular	1	9	1	1	0	12	12	5.1	4.0	2.4	1.7	3	2	0	0	2	5	7	2.3	2.4		
e. Unspecified	0	0	0	1	0	1	1	0.3	0.3	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS	9	26	28	20	15	83	98	32.8	29.4	1.4	1.4	6	14	24	17	9	61	70	25.0	22.0		
a. Ependymoma	4	1	1	1	2	7	9	2.9	2.8	1.8	1.8	0	1	2	1	1	4	5	1.6	1.5		
b. Astrocytoma	0	10	13	14	9	37	46	14.1	13.3	1.3	1.4	2	4	12	11	5	29	34	11.5	10.4		
c. CNS embryonal	3	10	12	4	2	29	31	11.6	9.5	1.5	1.5	4	6	8	1	2	19	21	8.2	7.0		
d. Other gliomas	2	5	2	1	2	10	12	4.2	3.8	1.3	1.3	0	2	2	4	1	8	9	3.2	2.7		
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.5	0.4		
IV NEUROBLASTOMA	11	14	2	1	2	28	30	12.1	9.9	1.2	1.1	7	14	2	1	3	24	27	10.9	9.3		
a. (Ganglio)neuroblastoma	11	14	2	1	1	28	29	12.1	9.6	1.3	1.3	6	14	2	0	1	22	23	10.1	8.1		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.3	0.0	0.3	1	0	0	1	2	2	4	0.8	1.2		
V RETINOBLASTOMA	2	4	0	0	0	6	6	2.6	2.0	0.7	0.7	2	7	0	0	0	9	9	4.2	3.2		
VI RENAL TUMOURS	2	4	4	1	1	11	12	4.5	3.7	2.8	2.0	0	3	1	0	2	4	6	1.8	2.0		
a. Nephroblastoma	2	4	4	0	0	10	10	4.2	3.2	2.5	2.5	0	3	1	0	0	4	4	1.8	1.4		
b. Renal carcinoma	0	0	0	1	1	1	2	0.3	0.5	-	1.0	0	0	0	0	2	0	2	-	0.6		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	3	7	0	2	2	12	14	5.1	4.5	4.0	4.7	0	2	1	0	0	3	3	1.3	1.0		
a. Hepatoblastoma	3	7	0	1	0	11	11	4.7	3.7	3.7	3.7	0	2	1	0	0	3	3	1.3	1.0		
b. Hepatic carcinoma	0	0	0	1	2	1	3	0.3	0.8	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	2	8	12	16	22	38	8.0	10.4	1.6	1.7	0	0	5	9	8	14	22	5.2	6.3		
a. Osteosarcoma	0	0	5	10	11	15	26	5.3	7.0	1.4	1.6	0	0	2	9	5	11	16	4.0	4.5		
b. Chondrosarcoma	0	1	0	1	1	2	3	0.8	0.9	-	1.5	0	0	0	0	2	0	2	-	0.6		
c. Ewing & related	0	0	1	1	3	2	5	0.7	1.3	0.7	1.3	0	0	3	0	1	3	4	1.2	1.2		
d. Other specified	0	1	2	0	1	3	4	1.2	1.2	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	2	4	7	8	13	21	34	8.0	9.6	1.1	0.9	0	3	4	12	17	19	36	7.3	10.5		
a. Rhabdomyosarcoma	0	2	4	2	1	8	9	3.1	2.6	2.0	1.3	0	2	1	1	3	4	7	1.7	2.2		
b. Fibrosarcoma	2	0	1	1	0	4	4	1.6	1.2	1.0	0.7	0	0	0	4	2	4	6	1.4	1.7		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	2	2	4	7	8	15	3.0	4.2	1.0	0.9	0	0	3	5	9	8	17	3.0	4.9		
e. Unspecified	0	0	0	1	5	1	6	0.3	1.6	0.3	1.0	0	1	0	2	3	3	6	1.2	1.8		
X GERM CELL TUMOURS	3	6	4	8	44	21	65	8.2	17.9	1.3	1.9	2	3	3	8	19	16	35	6.4	10.4		
a. CNS germ cell	0	0	4	8	8	12	20	4.2	5.4	2.4	2.9	1	0	1	3	2	5	7	1.9	2.1		
b. Other extragonadal	2	3	0	0	6	5	11	2.2	3.3	1.0	1.8	1	3	1	0	1	5	6	2.3	2.0		
c. Gonadal germ cell	1	3	0	0	29	4	33	1.8	9.0	0.7	1.8	0	0	1	5	12	6	18	2.2	5.1		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	3	0	3	-	0.9		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	1	0	1	-	0.3		
XI CARCINOMA & MELANOMA	0	0	2	7	43	9	52	3.1	13.7	0.5	1.0	1	2	5	10	35	18	53	7.0	15.4		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.5	0.4		
b. Thyroid	0	0	0	1	11	1	12	0.3	3.1	0.1	0.4	0	0	1	7	22	8	30	2.9	8.5		
c. Nasopharyngeal	0	0	0	1	4	1	5	0.3	1.3	-	2.5	0	0	0	0	2	0	2	-	0.6		
d. Melanoma	0	0	1	1	18	2	20	0.7	5.3	0.3	1.8	1	0	4	1	5	6	11	2.4	3.3		
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.3	0.0	0.5	0	0	0	1	1	1	2	0.4	0.6		
f. Other & unspecified	0	0	1	4	9	5	14	1.7	3.7	2.5	2.0	0	1	0	1	5	2	7	0.8	2.1		
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	1	0	2	2	0.8	0.6		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	1	0	2	2	0.8	0.6		
TOTAL	45	149	99	117	186	410	596	162.4	174.6	1.3	1.3	33	111	88	89	142	321	463	134.2	144.4		

Please consult the quality indicators for this registry

USA, Hawaii (1993-2012)

	Age group	Males	Females
Person-years	0	179 143	169 838
	1-4	701 836	661 548
	5-9	844 659	798 730
	10-14	862 948	817 112
	15-19	858 735	790 763
Total	0-14	2 588 586	2 447 228
	0-19	3 447 321	3 237 991
Average annual population	0-14	129 429	122 361
	0-19	172 366	161 900

Please consult the quality indicators for this registry